



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/742,881	12/20/2000	Janet Doong	2204/A43

02101  
BROMBERG & SUNSTEIN LLP  
125 SUMMER STREET  
BOSTON, MA 02110-1618

CONFIRMATION NO. 8240

## FORMALITIES LETTER



\*OC000000005797027\*

Date Mailed: 02/26/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$894. 03/14/2001 AWONDAF1 00000128 09742881
 

■ \$414 for 23 total claims over 20.	01 FC:101	710.00 OP
	02 FC:105	130.00 OP
■ \$480 for 6 independent claims over 3.	03 FC:103	414.00 OP
	04 FC:102	480.00 OP
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1734.

The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

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*A copy of this notice MUST be returned with the reply.*

Worene Derso

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Doong et al.

Atty Docket: 2204/A43

Serial: 09/742,881

Date: March 8, 2001

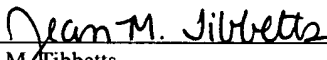
December 20, 2000

Invention: Method, Apparatus and System for Management of Multicast Routes for a Plurality of Routing Protocols in a Network Device

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited on March 8, 2001 with the United States Postal Service as first class mail in an envelope addressed to Application Processing Division, Customer Correction Branch, Commissioner for Patents, Washington, DC 20231.

  
Jean M. Tibbetts

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Commissioner for Patents  
Application Processing Division  
Customer Correction Branch  
Washington, DC 20231

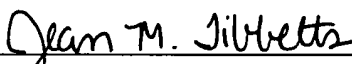
REQUEST FOR CORRECTED FILING RECEIPT

Dear Sir:

The spelling of inventor Michael Kinzmaier as shown on the formal filing receipt is incorrect. It should read "Kinzlmaier".

A copy of the formal filing receipt with the change(s) noted thereon is enclosed. Applicant kindly requests that the filing receipt be amended accordingly. Thank you.

Respectfully submitted,

  
Jean M. Tibbetts  
Registration No. 43,193  
BROMBERG & SUNSTEIN LLP  
125 Summer Street  
Boston, MA 02110  
(617) 443-9292

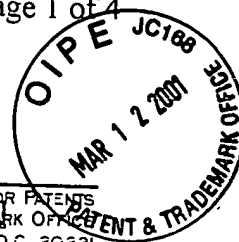
RECEIVED

MAR 05 2001



## UNITED STATES PATENT AND TRADEMARK OFFICE

BROMBERG & SUNSTEIN  
 COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/742,881	12/20/2000	2661	0.00	2204/A43	12	43	9

02101  
 BROMBERG & SUNSTEIN LLP  
 125 SUMMER STREET  
 BOSTON, MA 02110-1618

CONFIRMATION NO. 8240

## FILING RECEIPT



\*OC000000005797026\*

DOCKETED

Date Mailed: 02/26/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Janet Doong, Chelmsford, MA;  
 Richard Crump, Boston, MA;  
 Michael Kinzmaier, Acton, MA;

Kinzmaier

Continuing Data as Claimed by Applicant

## Foreign Applications

If Required, Foreign Filing License Granted 02/23/2001

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No

## Title

Method, apparatus and system for management of multicast routes for a plurality of routing protocols in a network device

Preliminary Class

370

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Data entry by : MERSO, WOSSENE

Team : OIPE

Date: 02/26/2001



**LICENSE FOR FOREIGN FILING UNDER**  
**Title 35, United States Code, Section 184**  
**Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

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Practitioner's Docket No. 2204/A43US

*Sector*  
*\$*  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Doong, Janet; Crump, Richard; and Kinzmaier, Michael

Application No.: 09/742,881

Group No.: 2661

Filed: December 20, 2000

Examiner:

For: Method, Apparatus and System for Management of Multicast Routes for a Plurality of Routing Protocols in a Network Device

Box Missing Part  
Commissioner for Patents  
Washington, D.C. 20231

COMPLETION OF FILING REQUIREMENTS  
-- NONPROVISIONAL APPLICATION

I. This replies to the Notice to File Missing Parts of Application (PTO-1533) mailed February 26, 2001.

A copy of the Notice to File Missing Parts of Application--Filing Date Granted (Form PTO-1533) is enclosed.

DECLARATION OR OATH

II. The declaration or oath that was filed was determined to be defective. A new original oath or declaration is attached.

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. SECTION 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

[X] deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

FACSIMILE

[ ] transmitted by facsimile to the Patent and Trademark Office at (703) \_\_\_\_ - \_\_\_\_.

Date: March 8, 2001

*Jean M. Tibbetts*  
Signature

Jean M. Tibbetts  
(type or print name of person certifying)

(Completion of Filing Requirements--Nonprovisional Application)





## COMPLETION FEES

### III.

#### 1. Filing Fee

Original patent application (37 C.F.R. Section 1.16(a))	\$710.00
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#### 2. Fees for Claims

Each independent claim in excess of 3 (37 C.F.R. Section 1.16(b))	\$480.00
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Each claim in excess of 20 (37 C.F.R. Section 1.16(c))	\$414.00
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#### 3. Surcharge Fees

Late payment of filing fee and/or late filing of original declaration or oath (37 C.F.R. Section 1.16(e))	\$130.00
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4. Assignment (See "ASSIGNMENT COVER SHEET")	\$40.00
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Total Completion Fees	\$1,774.00
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## EXTENSION OF TIME

IV. The proceedings herein are for a patent application, and the provisions of 37 C.F.R. Section 1.136(a) apply.



Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

#### TOTAL FEE DUE

V. The total fee due is:

Completion fees	\$1,774.00
Extension fee (if any)	\$0.00
Total Fee Due	\$1,774.00

#### PAYMENT OF FEES

VI. Enclosed is a check in the amount of 1,774.00.

Please charge Account No. 19-4972 for any fees that may be due by this paper.

#### AUTHORIZATION TO CHARGE ADDITIONAL FEES

VII. The Commissioner is hereby authorized to charge the following additional fees that may be required by this paper and during the pendency of this application to Account No. 19-4972.

37 C.F.R. Section 1.16(a), (f) or (g) (filing fees)  
37 C.F.R. Section 1.16(b), (c) and (d) (presentation of extra claims) 37 C.F.R. Section 1.16(e)  
(surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)  
37 C.F.R. Section 1.17(a)(1)-(5) (extension fees pursuant to Section 1.136(a))  
37 C.F.R. Section 1.17 (application processing fees)

Date: March 8, 2001

Jean M. Tibbetts  
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125 Summer Street  
Boston, MA 02110  
US  
617-443-9292